

Requisition: 2270

Position Title: Multi-Level Electrical System Engineer

Work Location: INL Site – IWTU

Shift Schedule: 4 x 10, M - Th

Salary Midpoint: \$88,230 - \$112,390

Position Purpose:

Provide System Engineering support to the ICP Sodium Bearing Waste Integrated Waste Treatment Unit (IWTU). Apply System Engineering concepts and principles to assigned system(s) through design, construction, testing, start-up, and operations to assure operability, safety basis compliance, and configuration management in accordance with Company procedures and policies.

In general, serve as system engineer for (a) safety significant structures, systems, and components (SSC) as defined in applicable documented safety analysis (DSA), (b) SSCs that perform important defense-in-depth functions, and (c) other SSCs when designated by line management. Use an approach as provided by ICP procedures, that is tailored to facility hazards and the SSCs relied upon to prevent or mitigate those hazards, to applying the system engineering program requirements to assigned SSCs.

Position Responsibilities:

Use configuration management and related tools to ensure operational readiness of assigned SSCs in accordance with facility requirements as follows:

1. Compile and keep current SSC design basis documentation and supporting documents through formal change control and work control processes;
2. Identify key documents and identify or develop other documents to support facility safety basis development and documentation;
3. Review assigned SSCs for operability, reliability, and material condition, including assessments;
4. Support maintenance and repair activities on assigned systems;
5. Identify and justify preventive maintenance or a run-to-failure strategy;
6. Develop and support testing of assigned systems following modifications and repairs;
7. Provide input and review facility work orders for assigned systems;
8. Ensure that the unreviewed safety question (USQ) process is applied to assigned SSCs;
9. Remain apprised of operational status and ongoing modification activities;
10. Assist operations review of key SSC parameters and evaluate SSC performance. Additionally conduct System Health Assessments;
11. Initiate actions to correct problems and provide troubleshooting direction;
12. Provide assistance in determining operability, correcting out-of-specification conditions, and evaluating questionable data;
13. Provide or support analysis when the SSC is suspected of inoperability degradation;
14. Serve as the Design Authority (Technical Expert) of assigned systems.

Complete special short and long-term work tasks when assigned by management.

Maintain training current with employee's individual training plan.

Minimum Qualification Requirements (Education/Experience):

Engineer: Bachelor Degree in Electrical Engineering + 2 years relevant experience

Engineer II: Bachelor Degree in Electrical Engineering + 4 years relevant experience

Engineer III: Bachelor Degree in Electrical Engineering + 6 years relevant experience

Special Requirements/Training:

Experience with instrumentation and controls and/or SKM Tools is preferred.

Selective Service Requirements

To be eligible for employment at IEC males born after December 31, 1959, must have registered with the Selective Service System (SSS). For more information see www.sss.gov.

Equal Employment Opportunity

Idaho Environmental Coalition, LLC is an equal opportunity employer that recognizes the value of a diverse workforce. It is our policy to make all employment decisions free from discrimination on the basis of race, color, gender, genetic information, religion, age, national or ethnic origin, disability, marital status or veteran status.

Reasonable Accommodation

We will ensure that individuals with disabilities are provided reasonable accommodation to participate in the job application or interview process, to perform essential job functions, and to receive other benefits and privileges of employment. Please contact us to request accommodation.

Other Information

When applying to positions please provide a resume and answer all questions on the following screens. Applicants who fail to provide a resume or answer the questions may be deemed ineligible for consideration.

Idaho Environmental Coalition, LLC is a drug-free workplace.

Idaho Environmental Coalition, LLC supports a drug-free workplace through pre-employment screening. Idaho Environmental Coalition, LLC maintains the work environment is safer and more productive without the presence of illegal drugs and controlled substances in the workplace. Idaho Environmental Coalition, LLC considers chemical screening to be a part of the overall program to prevent these substances from entering our workplace. As part of our overall program, it is a requirement that all candidates for hire submit to chemical screening subsequent to an offer of employment. Refusal to submit to chemical screening or confirmation of a positive test will result in denial of consideration for employment.